

Date: Monday, 11/08/2008 10:07:24 AM
 User: Linda Lacelle

Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: 350 SKIDTUBE ASSEMBLY RH
Job Number	: 41092		
Estimate Number	: 10265		
P.O. Number	:	Part Number	: D350636012
This Issue	: 11/08/2008 S.O. No. :	Drawing Number	: D2750 UNDER REVIEW
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: 11/08/2008 Type : SKIDTUBES	Drawing Revision	:
Previous Run	: 41059	Material	:
Written By	:	Due Date	: 30/08/2008
Checked & Approved By	: <u>JLD 088.11</u>	Qty:	1 Um: Each
Comment	: Est Rev:I 02.09.25 Rearranged procedure steps KJ Est Rev:J 06-03-29 As per Rev D EC Est Rev:K 06-07.13 As per dsi9343 EC Est Rev:L 07-07-28 Added SS Wearplates(Rev E) JLM Verified By:EC Est Rev:M 08-04-22 update steps 4,13 DD verified by:EC		

Per 08.07.12
 UPDATE PER
 DSI 9413

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
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Comment: DOCUMENT CONTROL

Photocopy blue file and type labels per PPP D350-636-012 CHG 004

500608/25

2.0	D26003BENT	Extrusion Bent
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Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

1 D2600-3-Bent

Extrusion (Bent)

B39714

H 8-8-13

3.0	D2744	Cap
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Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Cap

Batch:

B39714

B 37762

H 8-8-13

4.0	SKIDTUBES 1	SKIDTUBESS RESOURCE 1
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Comment: LANDING GEAR RESOURCE 1

1- Mark cut line on aft end of D2600-3-Bent using Jig DT 8150. Cut to length as per Dwg D2750. Deburr end

2-Drill pilot holes as per Dwg D2750 sheet 3 (D2750-1 details).Drill using drill Jig DT8150 & DT8863.

H
 8-8-13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

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Job Number:



Seq. #:

Machine Or Operation:

Description :

3- Mark fwd end for cutting using Drill Jig DT 8150 & DT8863 and cut as per dwg D2750.

4-Drill pilot holes for Detail G using DT8329

5-Open up holes for Detail B to 0.375" (4 holes per side) blade fitting location holes to 0.500" (total of 5 holes per side) as per dwg D2750. Open holes for ground handling and detail E to 0.500" (8 holes per side)

6-Drill pilot holes for wearplates as per Dwg D2750 using DT8108

****Make sure that wearplate holes are on bottom of tube****

Open 4 aft wearplate holes to 0.250". Open remaining wearplate holes to 0.297".

7-Open up holes of Detail A to 0.297" (total of 2 holes per side)

9-Weld D2744 Cap as per Dwg D2750 and QSI 004 Fill grooves in bend left from bending as per QSI 004
A/R Aluminum Rod *m107877/m108096* *BE 08/08/13*

10-Grind welds flush as per Dwg D2750 *SL 8-8-14*

5.0

QC10

VISUAL INSPECTION OF GROUND WELDS



Comment: VISUAL INSPECTION OF GROUND WELDS *08-08-14*

6.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP *08-08-14*

7.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Chemical Conversion Coat as per QSI 005 4.1 *AVM 8-8-14*

8.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION *25 08-08-14*

9.0

D2739

350 I Beam



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

☆

Web

Batch: *41127*

SL 8-8-15

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
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Part Number: D350636012

Job Number:



Seq. #:

Machine Or Operation:

Description :

10.0

D34901

Cross Bolt Spacer



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Crossbolt spacer

Batch:

B39584 M 8-8-18 (4)

11.0

D34903

Cross Bolt Spacer



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Crossbolt spacer

Batch:

B40727 (4) M 8-8-18

12.0

D2743

Crossbolt Spacer



Comment: Qty.: 8.0000 Each(s)/Unit Total: 8.0000 Each(s)

Crossbolt Spacer

Batch:

B37755 (2) M 8-8-18

13.0

SKIDTUBES 1

SKIDTUBESS RESOURCE 1



Comment: LANDING GEAR RESOURCE 1

1-Open up holes of Detail E and ground handling to 0.625" (total of 8 holes per side)
as per dwg D2750.

2-Open up holes of Detail B to 0.750" (total of 4 holes per side)
as per dwg D2750.

3-Open float holes to .500" (4 per Side)

4-Chamfer holes of Detail B, E, ground handling and float holes per dwg D2750 (welding instructions on
sheet 4)

5-Deburr and blow out all chips from inside of tube

6-Prepare tube for welding, remove alodine as required.

7-Bond web D2739 in place as per QSI 015

A/R Sikaflex-291

batch: 107893

exp. date: 8-10-1

SL 8-8-15

8- Weld spacers D3490-1, D3490-3 and D2743 as per dwg D2750 & QSI004
(welding instructions on sheet 4)

SL 8-8-14

Dart Aerospace Ltd

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Job Number: 41092

Part Number: D350636012

Job Number:



Seq. #:

Machine Or Operation:

Description :

A/R Aluminum Rod batch: M108096 BE 8-8-19

9-Grind welds flush as per Dwg D2750 JD 8-8-19

10-Spot face ground handling holes section P-P (total of 4 places per side) as per dwg D2750

11-Debur holes JD 8-8-20

14.0

QC10

VISUAL INSPECTION OF GROUND WELDS



Comment: VISUAL INSPECTION OF GROUND WELDS

S 08/08/20 (u)

15.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

S 08/08/20 (u)

16.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Pressure wash as per QSI 005

FL 08/08/20 (u)

17.0

POWDER COATING

POWDER COATING



M108523



(12)

Comment: POWDER COATING

Powder Coat Gloss White (Ref. 4.3.5.1) as per Dart QSI 005 4.3

START TIME:

OVEN TEMPERATURE:

FINISH TIME:

1:40 OF
320
2:10

M-L 08/08/20

18.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

Inspect for foreign object per QSI 024

08-08-21 (u)

19.0

ALS41032225

Insert



Comment: Qty.: 42.0000 Each(s)/Unit Total: 42.0000 Each(s)

Insert

Batch: M100489

HL 08-08-21 (u)

Dart Aerospace Ltd

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Job Number: 41092

Part Number: D350636012

Job Number:



Seq. #:

Machine Or Operation:

Description :

20.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1
1-Install inserts as per dwg D2750

HL

08-08-21

(41)

21.0

D2745

Bushing



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)
Bushing
Batch: B36230

HL

22.0

D353525

Wearshoe



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)
WEARSHOE
Batch: B39716

HL

23.0

D353625

Gasket



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)
GASKET
Batch: B40729

HL

24.0

D35371

Wearpad



Comment: Qty.: 3.0000 Each(s)/Unit Total : 3.0000 Each(s)
WEARPAD
Batch: B38941

HL

25.0

D37911

Wearplate



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)
Wearplate B39694

HL

26.0

D37931

Wearshoe



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)
Wearshoe B39715

HL

08-08-21

(41)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
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Drawing Name: 350 SKIDTUBE ASSEMBLY RH

Job Number: 41092

Part Number: D350636012

Job Number:



Seq. #:

Machine Or Operation:

Description :

27.0

D37933

Wearshoe



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Wearshoe B40552 *JK*

28.0

D37941

Gasket



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Gasket B40553 *JK*

29.0

D37943

Gasket



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Gasket B39713 *JK*

30.0

D36721

Phenolic Washer



Comment: Qty.: 8.0000 Each(s)/Unit Total: 8.0000 Each(s)

Phenolic Washer B39275 *JK*

31.0

AN526C1032R10

Screw



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Screw B108062 *JK*

32.0

AN526C1032R18

Screw



Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

Screw B1108079 *JK*

33.0

D36311

Washer



Comment: Qty.: 8.0000 Each(s)/Unit Total: 8.0000 Each(s)

WASHER
Batch: B38139 *JK*

34.0

D3488042

Blade Fitting Assembly, RH



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Blade Fitting, RH
Batch: B384166 * *JK* 08.08.21 *JK*

W/O:		WORK ORDER CHANGES					
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Job Number: 41092

Part Number: D350636012

Job Number:



Seq. #:

Machine Or Operation:

Description :

35.0

D3492041

Plug Assembly



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)

PLUG ASSEMBLY

Batch: B41058

JH

36.0

D3492043

Plug Assembly



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)

PLUG ASSEMBLY

Batch: 1341080

JH

37.0

AN3C5A

Bolt



Comment: Qty.: 34.0000 Each(s)/Unit Total : 34.0000 Each(s)

Bolt

Batch: M108744

JH

38.0

AN3C6A

BOLT



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Bolt

Batch: M105300

JH

39.0

AN6C44A

BOLT



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

BOLT

Batch: M108284

JH

40.0

AN8C35A

BOLT



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

BOLT

Batch: M106896

JH

41.0

AN960C10L

washer



Comment: Qty.: 38.0000 Each(s)/Unit Total : 38.0000 Each(s)

washer

Batch: M108618

JH

08-08-21

(X)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 QA: N/C Closed: _____ Date: _____

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Drawing Name: 350 SKIDTUBE ASSEMBLY RH

Job Number: 41092

Part Number: D350636012

Job Number:



Seq. #:	Machine Or Operation:	Description :
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42.0	AN960C816L	WASHER
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1 Ref 08.08.12



Comment: Qty.: 120000 Each(s)/Unit Total: 2.0000 Each(s)

WASHER

Batch: M107520

JA

43.0	MS210436	NUT
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Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

NUT

Batch: M1108744

JA

44.0	MS21083C8	NUT
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Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

NUT

Batch: M1108880

JA

45.0	NAS1515H3L	WASHER
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Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s)

WASHER

Batch: M1107394

JA

46.0	NAS1515H8L	WASHER
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Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

WASHER

Batch: _____

NOT REQ'D

Ref 08.08.12

47.0	HAND FINISHING1	HAND FINISHING RESOURCE #1
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Comment: HAND FINISHING RESOURCE #1

1-Inspect for Foreign Objects

2-Spray inside of tube with "LPS-3"

C batch: M107912

3-Install blade fitting D3488-042, wearshoes and ground handling hardware as per dwg D2750

SIKA FLEX 241

BATCH: M108801

EXP DATE: 08/10

JA 08.08.12-21

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Job Number:



Seq. #:

Machine Or Operation:

Description :

4-Coat all exposed fasteners with "LPS Procyon"

batch: M104251

910

08-08-21

(X1)

48.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

S 04/08/22

49.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Pick Packing Kit

50.0

D2741

Blade, 350 Skidtube



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Blade

Batch: B38558

sq

51.0

AN960C816L

WASHER



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Washer

Batch: M107520

sq

52.0

MS21083C8

NUT



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Nut

Batch: M108880

sq

53.0

AN8C21A

BOLT



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Bolt

Batch: M107924

sq

54.0

NAS1515H8L

WASHER



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

WASHER

Batch: M107581

8/8/22

sq

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
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Job Number:



Seq. #:

Machine Or Operation:

Description :

55.0

D34931

Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

WASHER

Batch:

B39985

SCP

56.0

D35321

Spacer



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

spacer

Batch:

B38584

8/8/22

SCP

57.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

8/08/25

58.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Package as per PPP D350-636-012

CHG 004

08.08.12

8/8/25

SCP

59.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

08/08/26

Job Completion



08.08.26

B41092

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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DESIGN <i>PH</i>	DRAWN BY <i>CB</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2750	REV. E SHEET 1 OF 5
DATE 07.05.17		TITLE 350 SKIDTUBE ASSEMBLY SCALE NTS	
REV	DATE	DESCRIPTION	
A	98.04.16	NEW ISSUE	
B	98.09.01	CHANGE MS24694-S293 TO AN8-16A	
C	98.11.18	ADD D2750-3 / D2750-4; INCORPORATE D2738 AND D2740	
D	06.01.05	ADD HOLES AND SPACERS FOR APICAL FLOATS INCORPORATE DEO 9133 / 9157	
E	07.05.17	CHANGE TO STAINLESS STEEL WEARPLATES; ADD RUBBER GASKETS; CHANGE INSERTS; ADD D3631-1; REMOVE QTY(38) NAS1515H3L; REMOVE QTY(10) NAS1515H8L; REMOVE D2741, QTY(2) AN960C816; REMOVE QTY(2) MS21083C8	

RELEASED
07-08-02

Qty -041	Qty -042	Qty -043	Qty -044	Part Number	Description
X				D2750-041	SKIDTUBE ASSEMBLY, LH
	X			D2750-042	SKIDTUBE ASSEMBLY, RH
		X		D2750-043	SKIDTUBE ASSEMBLY, LH
			X	D2750-044	SKIDTUBE ASSEMBLY, RH
1	1	1	1	D2739	WEB
8	8	8	8	D2743	SPACER
1	1	1	1	D2744	CAP
8	8	8	8	D2745	BUSHING
1				D2750-1	SKIDTUBE WELDMENT, LH
	1			D2750-2	SKIDTUBE WELDMENT, RH
		1		D2750-3	SKIDTUBE WELDMENT, LH
			1	D2750-4	SKIDTUBE WELDMENT, RH
1		1		D3488-041	BLADE FITTING, LH
	1		1	D3488-042	BLADE FITTING, RH
4	4	4	4	D3490-1	SPACER
4	4			D3490-3	SPACER
		4	4	D3490-5	SPACER
8	8	8	8	D3492-041	PLUG ASSEMBLY
8	8			D3492-043	PLUG ASSEMBLY
		8	8	D3492-045	PLUG ASSEMBLY
1	1	1	1	D3535-13	WEARSHOE
1	1	1	1	D3535-25	WEARSHOE
1	1	1	1	D3535-35	WEARSHOE
1	1	1	1	D3536-13	GASKET
1	1	1	1	D3536-25	GASKET
1	1	1	1	D3536-35	GASKET
5	5	5	5	D3537-1	WEARPAD
8	8	8	8	D3631-1	WASHER
42	42	42	42	ALS4-1032-225	INSERT (OR ALS7-1032-225, AKS4-1032-225, AELS-1032-225)
38	38	38	38	AN3C5A	BOLT
4	4	4	4	AN3C6A	BOLT
4	4	4	4	AN3C7A	BOLT
4	4	4	4	AN6C44A	BOLT
1	1	1	1	AN8C35A	BOLT
46	46	46	46	AN960C10L	WASHER
2	2	2	2	AN960C816L	WASHER
4	4	4	4	MS21043-6	NUT
1	1	1	1	MS21083C8	NUT
4	4	4	4	NAS1515H3L	WASHER
2	2	2	2	NAS1515H8L	WASHER

PH 05.03.12
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07.05.17
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CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2750	REV. E SHEET 2 OF 5
DATE 07.05.17		TITLE 350 SKIDTUBE ASSEMBLY SCALE NTS	

GENERAL NOTES:

RELEASED
07-08-02 [Signature]

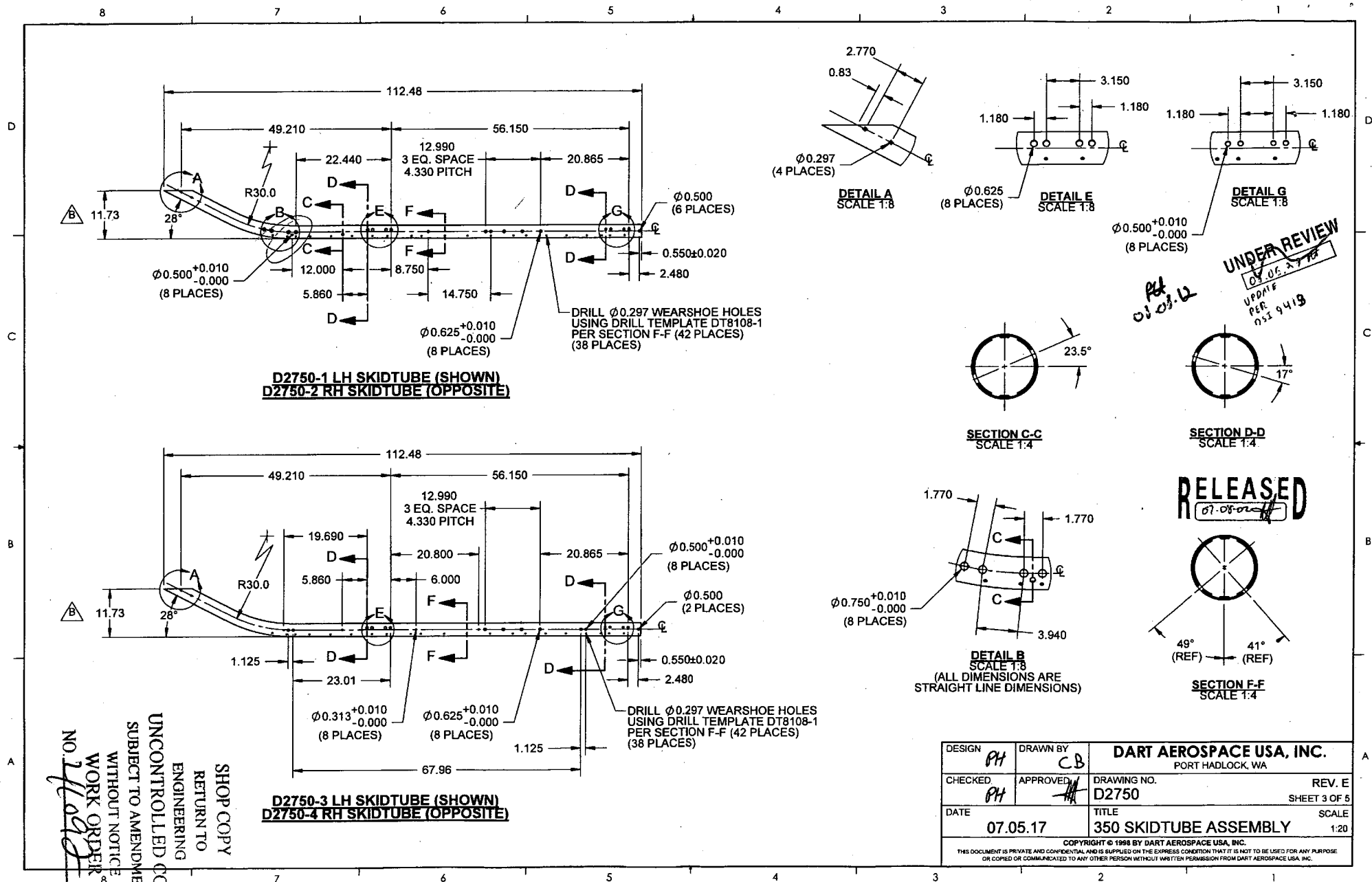
1. ALL DIMENSIONS ARE IN INCHES.
2. TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
3. MAKE FROM D2600-3 EXTRUSION (INITIAL LENGTH = 120.0).
4. DAMAGE TOLERANCE ON BENDING:
THERE SHOULD BE NO VISIBLE WRINKLES IN THE BEND FROM THE GROUND TO A HEIGHT OF 12 INCHES ABOVE THE GROUND. NO GOUGING IS ACCEPTABLE IN THE FLAT PORTION OF THE TUBE. GOUGES UP TO 0.020 ARE ACCEPTABLE IN THE BENT PORTION OF THE TUBE. TUBE O.D. SHOULD BE 3.150 ± 0.010 IN THE FLAT PORTION OF THE TUBE. TUBE O.D. SHOULD BE 3.15 ± 0.030 IN THE BENT PORTION OF THE TUBE.
5. ALL HOLES DRILLED ON CENTERLINES EXCEPT THOSE NOTED BY SECTIONS C-C, D-D AND F-F.
6. WELDING TO BE DONE PER DART QSI 004.
7. FINAL CONFIGURATION SHOULD HAVE THE FOLLOWING MINIMUM MECHANICAL PROPERTIES:
MINIMUM YIELD TENSILE STRENGTH = 35 ksi
MINIMUM ULTIMATE TENSILE STRENGTH = 38 ksi
8. FINISH:
ACID ETCH, ALODINE ASSEMBLY PER DART QSI 005 4.1 PRIOR TO INSTALLING D2739 WEB.
POWDER COAT WHITE (REF. 4.3.5.1) PER DART QSI 005 4.3
BLACK ANTI-SKID PAINT AS INDICATED TO 1.0 ABOVE SKIDTUBE CENTER-LINE PER DART 005 4.4 (OPTIONAL).
9. INSTALL ALS4-1032-225 INSERTS AFTER FINISH AS INDICATED IN D2750-1/-2/-3/-4 WELDING DETAIL ON PAGE 4 AND 5. DRILL 'F' SIZE HOLES ($\emptyset 0.297$) FOR WEARSHOE INSERTS.
10. D3488-041 (OR D3488-042) BLADE FITTING AND AN3C5A/AN3C7A WEARSHOE BOLTS TO BE INSTALLED USING SIKAFLEX-241 (OR EQUIVALENT) SEALANT.
11. SPRAY INSIDE OF TUBE WITH A COAT OF LPS LABORATORIES "LPS-3" AFTER FINISH AND AFTER INSTALLATION OF INSERTS. COAT ALL EXPOSED FASTENERS WITH LPS LABORATORIES "LPS PROCYON" AFTER FINAL ASSEMBLY, CLEAN EXCESS OFF POWDER COATING WITH MEK DEGREASER.

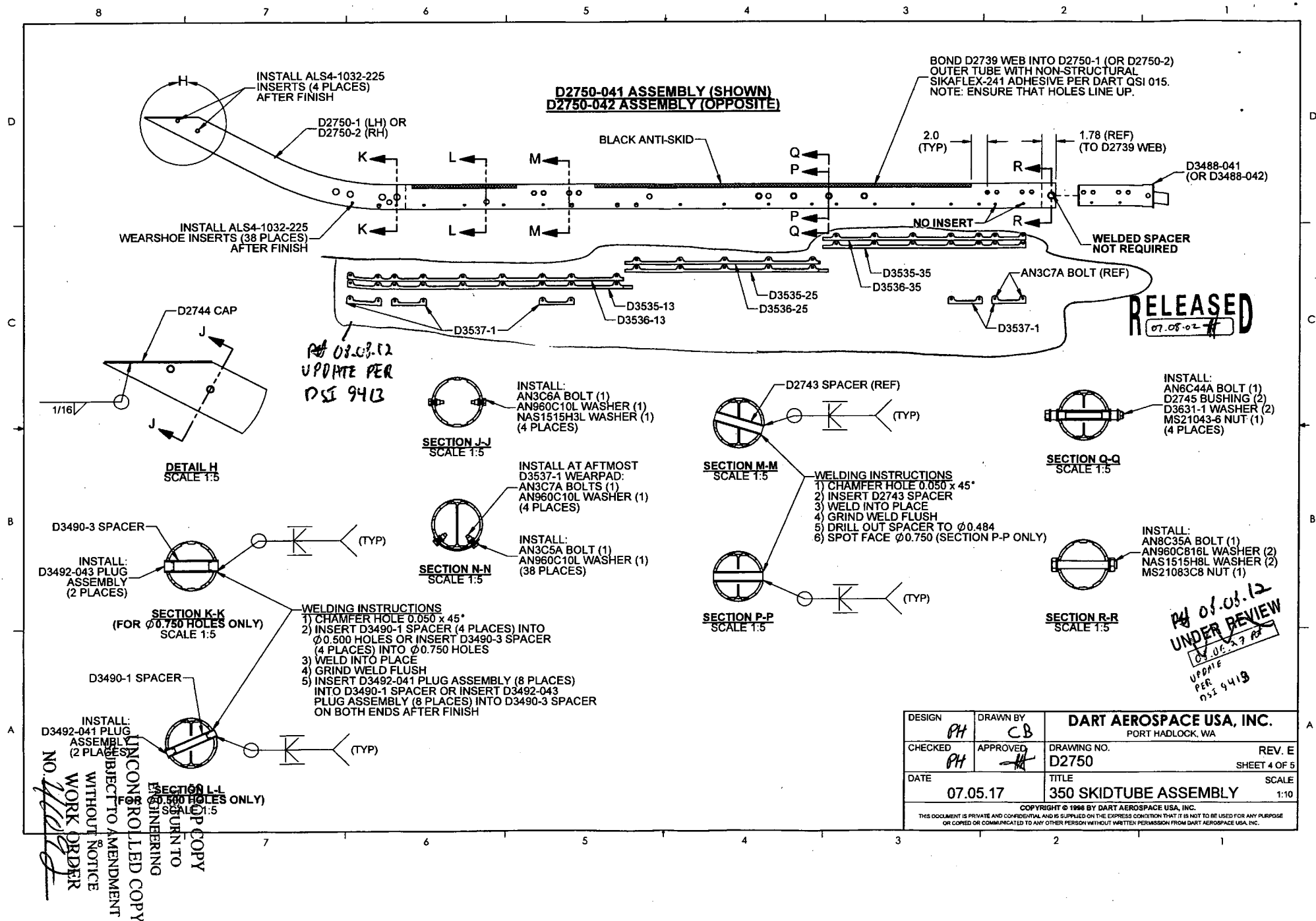
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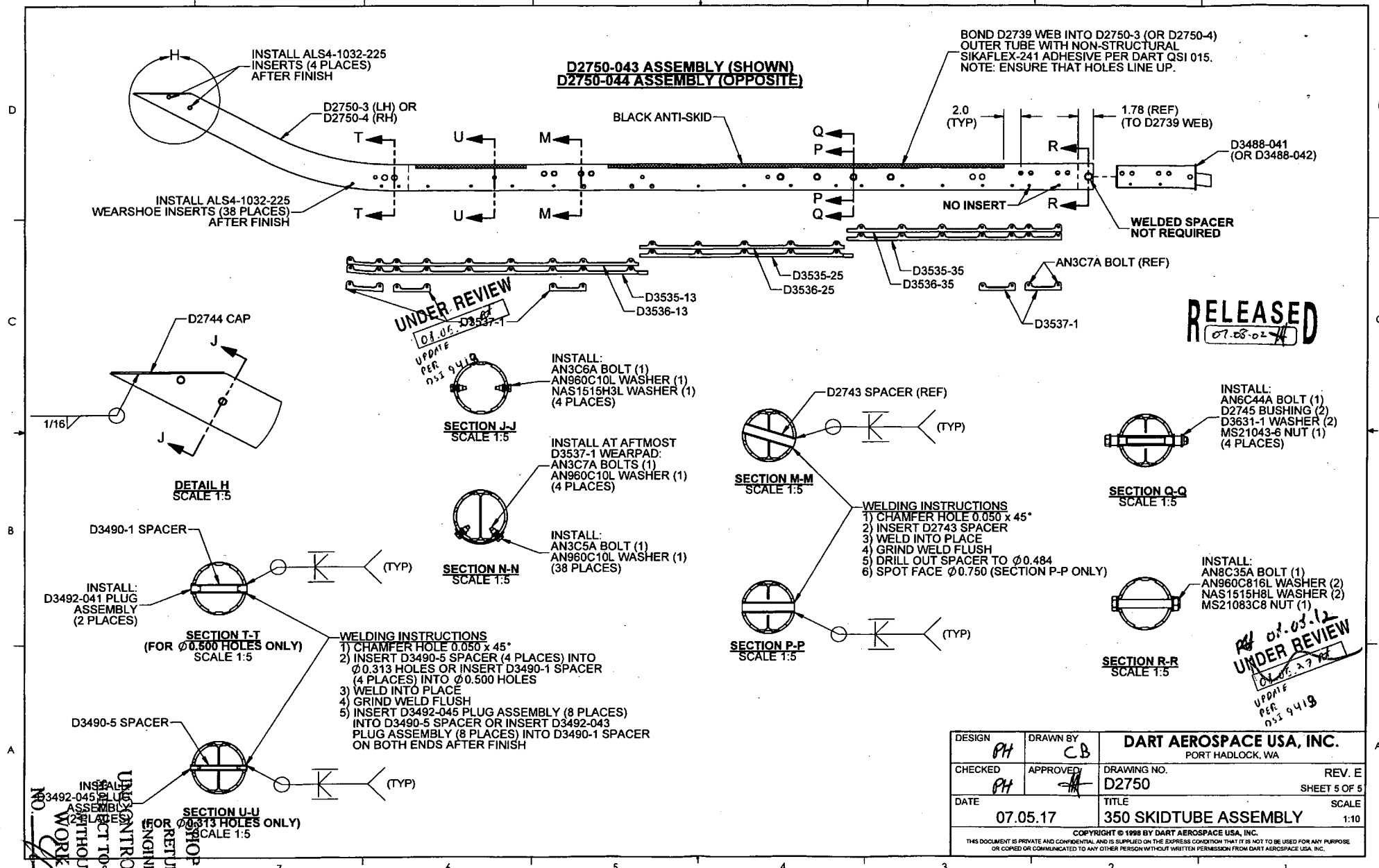
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				D2750	SHEET 5 OF 5
DATE	07.05.17		TITLE	SCALE	
		350 SKIDTUBE ASSEMBLY		1:10	
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DART SERVICE INSTRUCTION

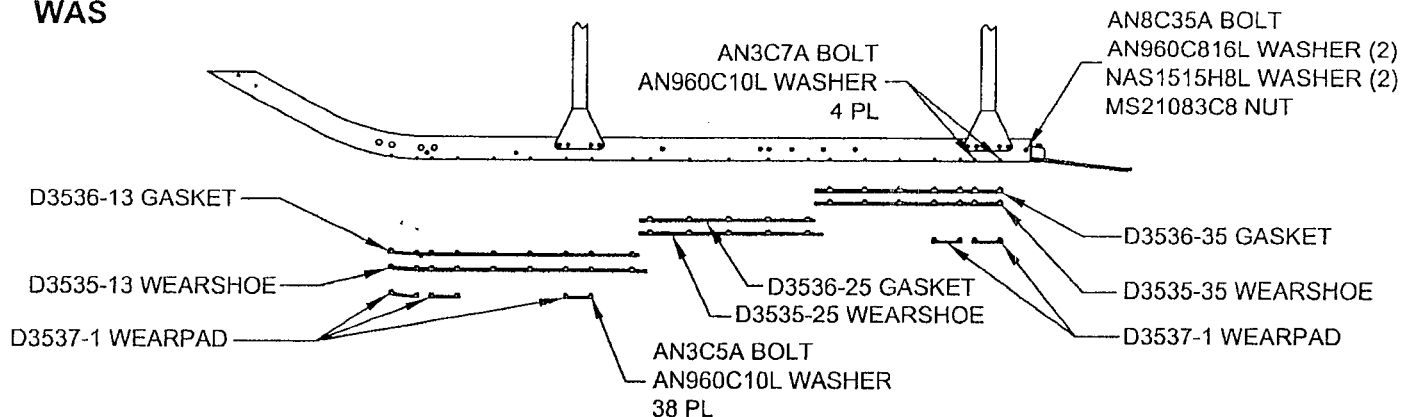
TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-636 REV E

REF FAA STC: SR00646SE

REF CANADIAN STC: SH99-7

THE WEARPLATES ON D350-636-011/-012/-013/-014 SKIDTUBES AT CHG 004 (AND LATER) HAVE BEEN MODIFIED AS SHOWN IN FIGURE 1 BELOW TO ELIMINATE THE POSSIBILITY OF INTERFERENCE BETWEEN THE WEARPLATES AND CROSSTUBE SADDLES AT INSTALLATION. THERE IS NEGLIGIBLE WEIGHT CHANGE ASSOCIATED WITH THIS MODIFICATION.

WAS



NOW

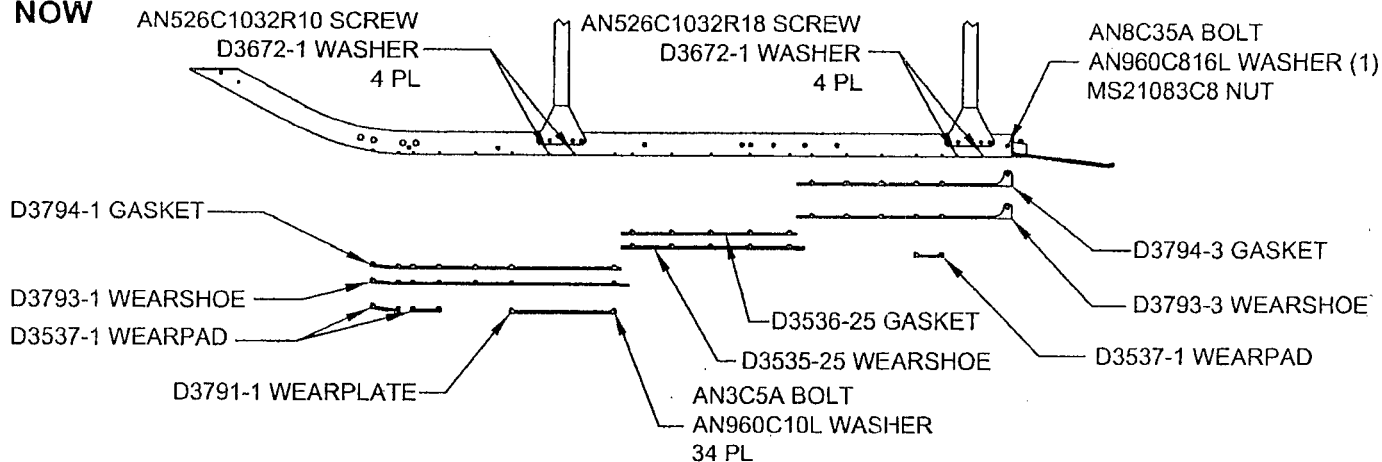


FIGURE 1 - WEARPLATE MODIFICATION

(AN526C1032RXX SCREW LOCATIONS NO LONGER USED TO MOUNT WEARSHOES)

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DESIGN	PH	DART AEROSPACE USA, INC PORT HADLOCK, WA	
DRAWN	PH		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9413	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DE APPR.		WEARSHOE MODIFICATION	NTS
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FOR D350-636-011/-012/-013/-014 SKIDTUBES AT CHG 004, AMEND PARTS LIST OF IIN-D350-636 SECTION 5 AS FOLLOWS:

REMOVE:

Item	Qty -011	Qty -012	Qty -013	Qty -014	Part Number	Description
	X				D350-636-011	SKIDTUBE INSTALLATION, LH, STD AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE
		X			D350-636-012	SKIDTUBE INSTALLATION, RH, STD AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE
			X		D350-636-013	SKIDTUBE INSTALLATION, LH AIRCRUISER/ APICAL TRI-BAG FLOAT COMPATIBLE
				X	D350-636-014	SKIDTUBE INSTALLATION, RH AIRCRUISER/ APICAL TRI-BAG FLOAT COMPATIBLE
*6A	1	1	1	1	AN960C816L	WASHER
6B	2	2	2	2	NAS1515H8L	WASHER
*22	2	2	2	2	D3537-1	WEARPAD
23A	1	1	1	1	D3535-13	WEARSHOE
23B	1	1	1	1	D3536-13	GASKET
25A	1	1	1	1	D3535-35	WEARSHOE
25B	1	1	1	1	D3536-35	GASKET
*26A	4	4	4	4	AN3C5A	BOLT
*26B	4	4	4	4	AN3C7A	BOLT
*27	8	8	8	8	AN960C10L	WASHER

*SUBTRACT FROM TOTAL QUANTITY OF PARTS INDICATED IN INSTALLATION INSTRUCTIONS IIN-D350-636

ADD:

Qty -011	Qty -012	Qty -013	Qty -014	Part Number	Description
X				D350-636-011	SKIDTUBE INSTALLATION, LH, STD AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE
	X			D350-636-012	SKIDTUBE INSTALLATION, RH, STD AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE
		X		D350-636-013	SKIDTUBE INSTALLATION, LH AIRCRUISER/ APICAL TRI-BAG FLOAT COMPATIBLE
			X	D350-636-014	SKIDTUBE INSTALLATION, RH AIRCRUISER/ APICAL TRI-BAG FLOAT COMPATIBLE
1	1	1	1	D3791-1	WEARPLATE
1	1	1	1	D3793-1	WEARSHOE
1	1	1	1	D3793-3	WEARSHOE
1	1	1	1	D3794-1	GASKET
1	1	1	1	D3794-3	GASKET
8	8	8	8	D3672-1	WASHER
4	4	4	4	AN526C1032R10	SCREW
4	4	4	4	AN526C1032R18	SCREW

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MFG. APPR.	N/A	DSI 9413	SHEET 2 OF 3
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DE APPR.		WEARSHOE MODIFICATION	NTS
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TO IMPROVE THE INSTALLATION OF D350-636-011/-012/-013/-014 SKIDTUBES EQUIPPED WITH STAINLESS WEARPLATES/WEARPADS AND GASKETS (CHG 003) ONTO THE CROSSTUBES, THE FOLLOWING DSI 9413-011 WEARSHOE KIT CAN BE PROCURED FROM DART:

Qty -011	Part Number	Description
X	DSI 9413-011	WEARSHOE MODIFICATION KIT
1	D3791-1	WEARPLATE
1	D3793-1	WEARSHOE
1	D3793-3	WEARSHOE
1	D3794-1	GASKET
1	D3794-3	GASKET
8	D3672-1	WASHER
4	AN526C1032R10	SCREW
4	AN526C1032R18	SCREW

TO INSTALL THE DSI 9413-011 KIT, REMOVE THE EXISTING WEARSHOES/GASKETS UNDER THE FWD/AFT SADDLES AND INSTALL NEW WEARSHOES/GASKETS AS SHOWN IN FIGURE 1. PLUG UNUSED HOLES WITH AN526C1032RXX SCREWS AND D3672-1 WASHERS. INSTALL SCREWS WITH SIKAFLEX -241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT AS SHOWN IN FIGURE 1. NOTE: SOME OF THE PREVIOUSLY INSTALLED HARDWARE IS NO LONGER REQUIRED.

THE FOLLOWING D350-636-045 REPLACEMENT WEARPLATE KIT WILL BE AVAILABLE FOR D350-636-011/-012/-013/-014 SKIDTUBES AT CHG 004 OR LATER:

Qty -011	Part Number	Description
X	D350-636-045	WEARSHOE KIT
3	D3537-1	WEARPAD
1	D3535-25	WEARSHOE
1	D3536-25	GASKET
1	D3791-1	WEARPLATE
1	D3793-1	WEARSHOE
1	D3793-3	WEARSHOE
1	D3794-1	GASKET
1	D3794-3	GASKET
34	AN3C5A	BOLT
34	AN960C10L	WASHER

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DE APPR.	PH	WEARSHOE MODIFICATION	NTS
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NO. 165

AWS D17.1.2001
QUALIFICATION TEST RECORD

Name: Berclay Elliot
Job number: 40696
Part number: D350 B6 al
Description: 350 skid
Welding Process: Tig[☒] Mig[]
Base material: Aluminium
Current: AC[☒] DC[]

TEST REQUIREMENTS AND RESULTS

Visual: pass[☒] fail[]
Penetration: pass[☒] fail[]

UNACCEPTABLE

Cracks: pass[☒] fail[]
Undercut: pass[☒] fail[]
Pin holes: pass[☒] fail[]
Overlap (cold lap): pass[☒] fail[]
Porosity (surface): pass[☒] fail[]
Coloration: pass[☒] fail[]

Qualifier Pat Dwyer Date of Test Coupon 08-08-01
Welder Berclay Elliot Date of Test Coupon 08-08-01

The above named individual is qualified in accordance with AWS D17.1.2001 to weld